



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Applicant: P. A. Billing-Medel et al.

Serial No.: 09/049,696

Filed: March 27, 1998

For: REAGENTS AND METHODS USEFUL  
FOR DETECTING DISEASES OF THE  
GASTROINTESTINAL TRACT

Case No.: 6067.US.P1

Group Art Unit: 1644

Examiner:

Date: June 8, 1998

**Certificate of Mailing (37 CFR 1.8(a))**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the:

Assistant Commissioner for Patents  
Box Missing Parts  
Washington, D.C. 20231, on:

Date of Deposit: June 8, 1998

*Amy J. Martin* 6-8-98  
Date

**TRANSMITTAL LETTER**

Assistant Commissioner for Patents  
Box Missing Parts  
Washington, D.C. 20231

Dear Sir:

Enclosed herewith is a Response to Notice to File Missing Parts of Application (in duplicate) of P. A. Billing-Medel et al. in the above-identified patent application entitled REAGENTS AND METHODS USEFUL FOR DETECTING DISEASES OF THE GASTROINTESTINAL TRACT.

Also enclosed are:

- Executed Declaration and Power of Attorney for a United States Patent Application
- Notice to File Missing Parts of Application (Filing Date Granted), Form PTO-1533
- Statement to Support Filings and Submissions
- Sequence Listing in Computer Readable Form
- Return Receipt Postcard

The Commissioner is hereby authorized to charge any additional fees required, as well as any patent application processing fees associated with this communication for which full payment has not been tendered, to Deposit Account No. 01-0025. A duplicate copy of this sheet is enclosed.

Respectfully submitted,  
P. A. Billing-Medel et al.

Abbott Laboratories  
D-377 AP6D-2  
100 Abbott Park Road  
Abbott Park, Illinois 60064-3500  
Telephone: (847) 935-1729

*Cheryl L. Becker*  
Cheryl L. Becker  
Registration No. 35,441  
Attorney for Applicants

RECEIVED  
98 JUN 23 PM 2:09  
GROUP 180

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT



Applicant: P. A. Billing-Medel et al.

Serial No.: 09/049,696

Filed: March 27, 1998

For: REAGENTS AND METHODS USEFUL  
FOR DETECTING DISEASES OF THE  
GASTROINTESTINAL TRACT

Case No.: 6067.US.O1

Group Art Unit: 1644

Examiner:

Date: June 8, 1998

**Certificate of Mailing (37 CFR 1.8(a))**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the:

Assistant Commissioner for Patents  
Box Missing Parts  
Washington, D.C. 20231, on:

Date of Deposit: June 8, 1998

*Amy J. Martin* 6-8-98  
Amy J. Martin Date

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION**

Assistant Commissioner for Patents  
Box Missing Parts  
Washington, D.C. 20231

Dear Sir:

In response to the Notice to File Missing Parts of Application (Filing Date Granted), dated April 8, 1998, in the above-identified patent application, applicants submit herewith an executed Declaration and Power of Attorney. The Commissioner is hereby expressly authorized to charge the required surcharge of \$1788.00 to applicants' Deposit Account No. 01-0025 in order to cover the missing parts fee, the basic filing fee, and the additional independent claims fee. A duplicate copy of this sheet is enclosed.

Respectfully submitted,  
P. A. Billing-Medel et al.

*Cheryl L. Becker*  
Cheryl L. Becker  
Registration No. 35,441  
Attorney for Applicants

Abbott Laboratories  
D-377 AP6D-2  
100 Abbott Park Road  
Abbott Park, Illinois 60064-3500  
Telephone: (847) 935-1729

RECEIVED  
98 JUN 23 PM 2:09  
GROUP 180



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Applicant: P. A. Billing-Medel et al.

Serial No.: 09/049,696

Filed: March 27, 1998

For: REAGENTS AND METHODS USEFUL  
FOR DETECTING DISEASES OF THE  
GASTROINTESTINAL TRACT

Case No.: 6067.US.P1

Group Art Unit: 1644

Examiner:

Date: June 8, 1998

**Certificate of Mailing (37 CFR 1.8(a))**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as First Class Mail addressed to:

Box Missing Parts  
Assistant Commissioner for Patents  
Washington, D.C. 20231, on:

Date of Deposit: June 8, 1998

*Amy J. Martin*  
Amy J. Martin Date

**STATEMENT TO SUPPORT FILINGS AND SUBMISSIONS IN ACCORDANCE  
WITH 37 C.F.R. §§1.821 THROUGH 1.825**

Box Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

The undersigned, being the attorney of record of the above-identified patent application, submits the following statement regarding the Sequence Listing in computer readable form submitted herewith:

I hereby state that the content of the paper and computer readable copies of the Sequence Listing, the latter of which submitted herewith in accordance with 37 C.F.R. (e), is the same.

Respectfully submitted,  
P. A. Billing-Medel et al.

Abbott Laboratories  
D-377 AP6D-2  
100 Abbott Park Road  
Abbott Park, Illinois 60064-3500  
Telephone: (847) 935-1729

*Cheryl L. Becker*  
Cheryl L. Becker  
Registration No. 35,441  
Attorney for Applicants

GROUP 180

08 JUN 23 PM 2:09

RECEIVED



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Receipt  
PATENT  
2900

Applicant: P. A. Billing-Medel et al.

Serial No.: 09/049,696

Filed: March 27, 1998

For: REAGENTS AND METHODS USEFUL  
FOR DETECTING DISEASES OF THE  
GASTROINTESTINAL TRACT

Case No.: 6067.US.P1

Date: June 9, 1998

Group Art Unit: 1644

Examiner:

**Certificate of Mailing (37 CFR 1.8(a))**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the:

Assistant Commissioner for Patents  
Washington, D.C. 20231, on:

Date of Deposit: June 9, 1998

*Amy J. Martin*  
Date 6-9-98

**TRANSMITTAL LETTER**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Enclosed herewith is the Request for Corrected Filing Receipt of P. A. Billing-Medel et al., for REAGENTS AND METHODS USEFUL FOR DETECTING DISEASES OF THE GASTROINTESTINAL TRACT.

Also enclosed is: 1) Copy of Official Filing Receipt [PTO 103X]  
2) One (1) Return-Receipt Postcard

The Commissioner is hereby authorized to charge any additional fees required, as well as any patent application processing fees associated with this communication for which full payment has not been tendered, to Deposit Account No. 01-0025. A duplicate copy of this sheet is enclosed.

Respectfully submitted,  
P. A. Billing-Medel et al.

Abbott Laboratories  
D-377 AP6D-2  
100 Abbott Park Road  
Abbott Park, Illinois 60064-3500  
Telephone: (847) 935-1729

*Cheryl L. Becker*  
Cheryl L. Becker  
Registration No. 35,441  
Attorney for Applicants

RECEIVED  
JUN 29 1998  
GROUP 1800



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Applicant: P. A. Billing-Medel et al.

Serial No.: 09/049,696

Filed: March 27, 1998

For: REAGENTS AND METHODS USEFUL  
FOR DETECTING DISEASES OF THE  
GASTROINTESTINAL TRACT

Case No.: 6067.US.P1

Date: June 9, 1998

Group Art Unit: 1644

Examiner:

**Certificate of Mailing (37 CFR 1.8(a))**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the:

Assistant Commissioner for Patents  
Washington, D.C. 20231, on:

Date of Deposit: June 9, 1998

*Amy J. Martin*  
-Amy J. Martin Date 6-9-98

**REQUEST FOR CORRECTED FILING RECEIPT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Attached is a copy of the official filing receipt received from the PTO in the above application for which issuance of a corrected filing receipt is respectfully requested.

There is an error in the area of the Applicant(s), in which "MARK HAYDEN, INGLESIDE, IL;" should be deleted.

The above error is due to a mistake on the part of the Applicant. Authorization is hereby given to charge Deposit Account No. 01-0025 in the amount of \$25.00 to cover the fee under 37 CFR 1.19(h).

Respectfully submitted,  
P. A. Billing-Medel et al.

Abbott Laboratories  
D-377 AP6D-2  
100 Abbott Park Road  
Abbott Park, Illinois 60064-3500  
Telephone: (847) 935-1729

*Cheryl L. Becker*  
Cheryl L. Becker  
Registration No. 35,441  
Attorney for Applicants

RECEIVED  
JUN 29 1998  
GROUP 1800

FILING RECEIPT

**COPY**

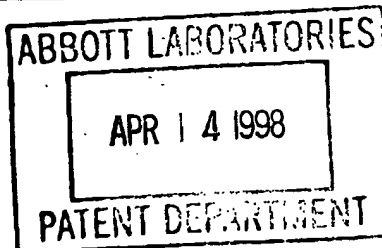
JUN 11 1998



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
09/049,696	03/27/98	1644	\$0.00 6067.US.P1		9	18	12

STEVEN F WEINSTOCK  
ABBOTT LABORATORIES  
D-377/AP6D  
100 ABBOTT PARK ROAD  
ABBOTT PARK IL 60064-3500



Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Application Processing Division's Customer Correction Branch within 10 days of receipt. Please provide a copy of the Filing Receipt with the changes noted thereon.

Applicant(s)

PATRICIA A. BILLING-MEDEL, GURNEE, IL; MAURICE COHEN, HIGHLAND PARK, IL; TRACEY L. COLPITTS, ROUND LAKE, IL; PAULA N. FRIEDMAN, DEERFIELD, IL; MARK HAYDEN, INGLESIDE, IL; MICHAEL R. KLASS, LIBERTYVILLE, IL; LISA ROBERTS-RAPP, GURNEE, IL; JOHN C. RUSSELL, KENOSHA, WI; STEPHEN D. STROUPE, LIBERTYVILLE, IL.

FOREIGN FILING LICENSE GRANTED 04/07/98

TITLE  
REAGENTS AND METHODS USEFUL FOR DETECTING DISEASES OF THE GASTROINTESTINAL TRACT

PRELIMINARY CLASS: 435

"CORRECTION TO FILING RECEIPT, IF ANY"

CALENDAR NO.	4-24-98
SS(4-27-98)	OK C.L.B.
FILE CALENDAR ENTRY	
FOR	ATTY
CANCELLED	

RECEIVED  
JUN 24 1998  
GROUP 1800

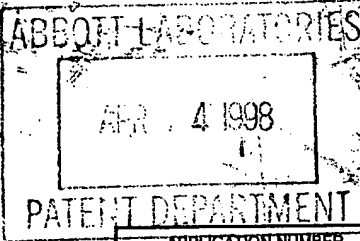
IDS DUE (NEW FILING)

CONVENTION FILING DATE

CALENDAR NO.	6-27-98
SS(4-27-98)	OK C.L.B.
FILE CALENDAR ENTRY	
FOR	ATTY
CANCELLED	

CALENDAR NO.	3-27-98
SS(4-27-98)	OK C.L.B.
FILE CALENDAR ENTRY	
FOR	ATTY
CANCELLED	

CALENDAR NO.	3-27-00
SS(4-27-98)	OK C.L.B.
FILE CALENDAR ENTRY	
FOR	ATTY
CANCELLED	



2924  
Sector 2  
UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
Box Seq.

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
--------------------	---------------------	-----------------------	---------------------------

09/049,695 03/27/98 BILLING-MEDEL



STEVEN F WEINSTOCK  
ABBOTT LABORATORIES  
D-377/AP6D  
100 ABBOTT PARK ROAD  
ABBOTT PARK IL 60064-3500

0262/0408

DATE MAILED:

GROUP 180  
JUN 23 PM 2:09  
1644

RECEIVED  
DESIGNED

04/08/98

**NOTICE TO FILE MISSING PARTS OF APPLICATION**  
**Filing Date Granted**

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of ☐ \$65.00 for a small entity in compliance with 37 CFR 1.27, or ☒ \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a ☐ small entity (statement filed) ☐ non-small entity is \$ 1788

- ☒ 1. The statutory basic filing fee is:
  - ☒ missing.
  - ☐ insufficient.Applicant must submit \$ 790 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- ☐ 2. Additional claim fees of \$ \_\_\_\_\_, including any multiple dependent claim fees, are required.
  - \$ 738 for 9 independent claims over 3.
  - \$ -6 for -9- dependent claims over 20.
  - \$ -0- for multiple dependent claim surcharge.Applicant must either submit the additional claim fees or cancel additional claims for which fees are due. ATTY \_\_\_\_\_
- ☒ 3. The oath or declaration:
  - ☒ is missing or unexecuted.
  - ☐ does not cover the newly submitted items.
  - ☐ does not identify the application to which it applies.
  - ☐ does not include the city and state or foreign country of applicant's residence.An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.
- ☐ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.  
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- ☐ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

06/18/1998 MCGORDON 00000003 010025 03049696

01 FC:101  
02 FC:102  
03 FC:105

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s) identifying this application by the above Application Number and Filing Date, is required.

- ☐ 6. A \$50.00 missing fee is required since your check was returned without payment (37 CFR 1.21(m)).
- ☐ 7. Your filing receipt was mailed in error because your check was returned without payment.
- ☒ 8. The application does not comply with the Sequence Rules.  
See attached "Notice to Comply with Sequence Rules 37 CFR 1.821-1.825."
- ☒ 9. OTHER: Send DISC w/letter stating Seq listing & Disc are same.

Direct the reply and any questions about this notice to "Attention: Box Missing Parts"

**A copy of this notice MUST be returned with the reply.**